

1/2 (1/1 EPODOC) - (C) EPODOC / EPO  
PN - RU2093943 C 19971020  
PR - RU19940014785 19940420  
AP - RU19940014785 19940420  
DT - I  
IC - H02H9/02  
IN - KUZMENKO VIKTOR A (RU); LEJTES LEONID V (RU); LOZOVSKIY NIKOLAJ A (RU);  
LURE ALEKSANDR I (RU); PANIBRATETS ANATOLIY N (RU); PINDAK IVAN A (RU);  
RABINOVICH VALERIY L (RU); CHUPRIKOV VIKTOR S (RU)  
PA - KUZMENKO VIKTOR AGAVIEVICH (RU)  
TI - METHOD FOR REDUCING MAKING CURRENT DURING REPEATED ON/OFF SWITCHING OF  
TRANSFORMER

Continue on database WPI : Y / N ?

? Y

2/2 (1/1 WPI) - (C) WPI / DERWENT  
AN - 1998-310417 [27]  
AP - RU19940014785 19940420  
PR - RU19940014785 19940420  
TI - Reducing switching currents during multiple transformer commutations -  
by calculating circuit breaker contacts opening and closing from rise  
in mains voltage in transformer phase  
IW - REDUCE SWITCH CURRENT MULTIPLE TRANSFORMER COMMUTATE CALCULATE CIRCUIT  
BREAKER CONTACT OPEN CLOSE RISE MAINS VOLTAGE TRANSFORMER PHASE  
IN - KUZMENKO V A; LEETES L V; LOZOVSKII N A  
PA - (KUZM-I) KUZMENKO V A  
PN - RU2093943 C1 19971020 DW199827 H02H9/02 006pp  
ORD - 1997-10-20  
IC - H02H9/02  
FS - EPI  
DC - X13  
AB - RU2093943 Method consists in that when the transformer is disconnected  
from the mains, preceding its next switch-on, the breaking of the  
circuit breaker contacts occurs at a certain instant calculated from  
the beginning of the period of rise of mains voltage in one of its  
phases. Making of the circuit breaker contacts during the next  
connection of the transformer to the mains occurs at an instant  
calculated from the same beginning of the period of voltage rise in  
the same mains phase of the preceding switching out.  
- USE - Method is especially for use in switching power transformers on  
and off.  
- ADVANTAGE - Method improves working reliability of transformers,  
commutation and protection equipment by reducing electrodynamic forces  
and commutation overvoltages.  
- (Dwg.1/5)